IN THE SPECIFICATION:

Please replace the paragraph beginning on page 20, line 16 with the following replacement paragraph:

In step 704 a signal transform, referred to herein as the "unified signal transform", may be determined[[.]] for the set of N candidate signals may be determined. The unified signal transform may include a set of basis functions which describe an algebraic structure of the set of candidate signals. The unified signal transform determined in step 704 comprises a completely new type of signal transform heretofore unknown in the prior art. This new transform, which is referred to herein as a unified signal transform, converts a signal into a representation of, or comprising, generalized basis functions, wherein the basis functions represent the algebraic structure of the set of candidate signals. Stated another way, the signal transform is operable to decompose the signal into a form represented by generalized basis functions. The basis functions represent the algebraic structure of the set of signals. The unified signal transform may be used to convert a signal into a domain referred to as the "generalized frequency domain". The unified signal transform described herein is the first and only signal transform able to project a set of uncorrelated signals into a generalize frequency domain.